

4.0 credits	12.0 h + 36.0 h	1q
-------------	-----------------	----

Teacher(s) :	Wesselingh Renate ;
Language :	Français
Place of the course	Louvain-la-Neuve
Prerequisites :	Ecology, evolution, statistics. Some basic knowledge of the R language is useful, but not strictly necessary
Main themes :	Analytical and simulation models, game theory, Evolutionarily Stable Strategies, population- and individual-based models, spatial models.
Aims :	This course will teach the different categories of ecological and evolutionary models, how to formalize ecological and evolutionary processes and turn them into analytical and simulation models using R, and how to use the results of such models. <i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i>
Evaluation methods :	Personal project
Other infos :	Support : Lecture notes, books, scientific articles
Cycle and year of study :	> Master [120] in Biology of Organisms and Ecology > Master [120] in Environmental Science and Management
Faculty or entity in charge:	BIOL